

Scientific and Technical support

Service	Description	Delivery	Price (€/h)		
			(1)* ¹	(2)* ¹	(3)* ¹
Scientific and technological support	Scientific and technical support and advice on immunogen design, immunoreagent synthesis and production, antibody production and immunoassay design and development.	Scientific report	35	47	57

(1) CIBER-BBN/CSIC, (2) Official centers, (3) Private Enterprises. *¹ IVA not included

Hapten Protein Bioconjugation

Service	Scale (mg)	Price (€/mg)		
		(1)* ¹	(2)* ¹	(3)* ¹
Protein bioconjugation	5-9	152	188	243
	10-25	53	76	94
	26-29	41	57	70
	30-49	29	41	49

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Policlonal Antibody Development

Service	Time	Description	Delivery	Price (€/mg)		
				(1)* ¹	(2)* ¹	(3)* ¹
Standard Protocol 2 rabbits	15 weeks	2 Rabbits Pre-immune bleeding 4 immunizations/rabbit Test bleeds 10 days post immunisation Final bleed	5 ml pre-immune serum 5 ml serum test bleeding/rabbit 50-80 ml final serum /rabbit ELISA report	820	1045	1360
Standard Protocol 3 rabbits	15 weeks	3 Rabbits Pre-immune bleeding 4 immunizations/rabbit Test bleeds 10 days post immunisation Final bleed	5 ml pre-immune serum 5 ml serum test bleeding/rabbit 50-80 ml final serum /rabbit ELISA report	1125	1565	1910
Extended protocol 2 rabbits	24 weeks	2 Rabbits Pre-immune bleeding 6 immunizations/rabbit Test bleeds 10 days post immunisation Final bleed	5 ml pre-immune serum 5 ml serum test bleeding/rabbit 50-80 ml final serum /rabbit ELISA report	1115	1675	2030
Extended protocol 3 rabbits	24 weeks	3 Rabbits Pre-immune bleeding 6 immunizations/rabbit Test bleeds 10 days post immunisation Final bleed	5 ml pre-immune serum 5 ml serum test bleeding/rabbit 50-80 ml final serum /rabbit ELISA report	1700	2510	2970

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Monoclonal Antibody Development

Service	Time	Description	Delivery	Price (€/mg)		
				(1)* ¹	(2)* ¹	(3)* ¹
PHASE I: Immunization and ELISA titration	7-10 weeks	Discussion of project Antigen provided by the customer 4 Mice/3 Rats Pre-immune bleed ELISA titer determinations	ELISA report test bleeds	620	775	1030
PHASE II: Cell Fusion, Selection and First Screening	4-6 weeks	Fusion of splenocytes and myeloma cells (two fusions) . Plating the fusion product into 96 well culture plates. ELISA Screening supernatants from hybridoma wells. Selection of up to 5 antibody positive hybridoma wells.	ELISA report supernatants	1700	2225	2835
PHASE III: Cloning and Subcloning by limiting dilution	4-6 weeks	Cloning of selected hybridomas (up to 5) Cloning ELISA screening Positive clones are subcloned to select pure and stable expressing clones.	ELISA report supernatants	2300	2895	3780
PHASE IV: Expansion and Freezing	2-4 weeks	Expansion of 3 selected clones Cryoconservation of selected clones Mycoplasma test of selected clones	2cryovials/ clone 10 ml supernatant/ clone	865	1070	1300
Phase I+II+III+IV	20-26 weeks		TOTAL	5485	6965	8945

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Prices 2019

In Vitro Production of Monoclonal Antibody

Service	Description	Delivery	Price (€/mg)		
			(1)* ¹	(2)* ¹	(3)* ¹
In Vitro Production of Monoclonal Antibody	Hybridoma cells are grown in CELLine Integra mini-fermentors.	1-14mg antibody	45	60	75
		15-29 mg antibody	26	35	44
		30-49 mg antibody	19	26	32
		50-100mg antibody	16	22	28

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The prices are average prices. Depending on the productivity of the cell line can vary up to 20%

Antibody Purification

Service	Description	Delivery	Price (€/mg)		
			(1)* ¹	(2)* ¹	(3)* ¹
Antibody Purification by antigen affinity chromatography	Affinity cromatography Protein G, Protein A or antigen affinity cromatography (160 € extra charge/ antigen) Determination of IgG content.	1-14 mg antibody	35	55	61
		15-29 mg antibody	29	40	49
		30-49 mg antibody	21	29	36
		50-100mg antibody	19	27	33

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Antibody Production and Purification

Service	Delivery	Price (€/mg)		
		(1)* ¹	(2)* ¹	(3)* ¹
Antibody Production and Purification	1-14 mg antibody	80	115	136
	15-29 mg antibody	55	75	93
	30-49 mg antibody	40	55	68
	50-100mg antibody	35	49	61

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